

Title (en)

4-Hydroxytetrahydropyran-2-one derivatives useful as cholesterol and lipid reducing agents

Title (de)

4-Hydroxytetrahydropyran-2-on Derivate nützlich als cholesterin- und lipidsenkende Agenzien

Title (fr)

Dérivés de 4-hydroxytétrahydropyran-2-one utiles comme agents abaissant le taux de cholesterol et de lipides

Publication

**EP 0445827 B1 19960925 (EN)**

Application

**EP 91103526 A 19910307**

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- JP 14149290 A 19900601
- JP 14149390 A 19900601
- JP 17539290 A 19900704

Abstract (en)

[origin: EP0445827A2] 4-hydroxytetrahydropyran-2-one derivatives with general formula (I) are useful as cholesterol reducing agents as well as lipid reducing agents, serving as inhibitors of HMG-CoA reductase, and capable of inhibiting the biosynthesis of peroxidized lipids, and therefore effective for curing arteriosclerosis: <CHEM> wherein R1 represents hydrogen or a 2-tetrahydropyranyl group; R2 and R3 each represent hydrogen or an alkyl group having 1 to 6 carbon atoms; R4 represents hydrogen, an alkyl group having 1 to 6 carbon atoms, an alkenyl group having 2 to 6 carbon atoms, an aryl group, an aralkyl group, an acyl group, an aroyl group or a substituted sulfonyl group; A represents -CH<sub>2</sub>CH<sub>2</sub>-, or -CH=CH-; and n is an integer of 1 or 2, and intermediates for synthesizing the 4-hydroxytetrahydropyran-2-one derivatives are disclosed.

IPC 1-7

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